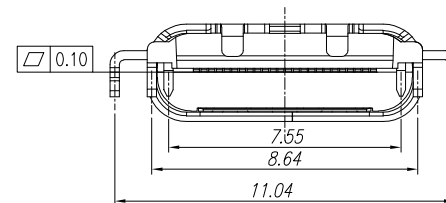
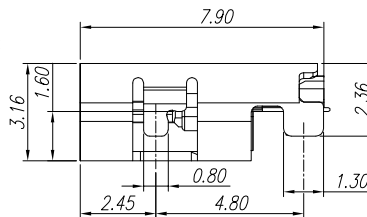
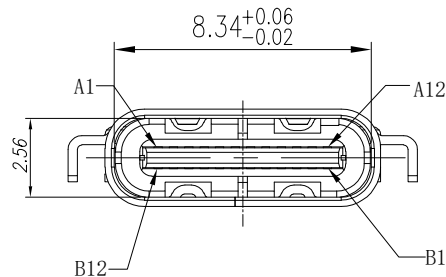
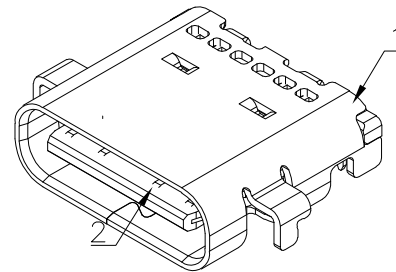
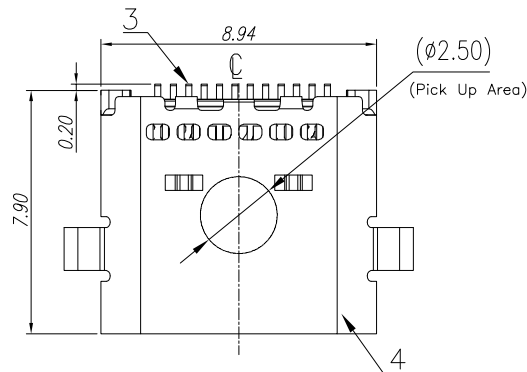




| REV | ECN No. | DATE       | REMARK |
|-----|---------|------------|--------|
|     | 原始图档    | 2024.04.09 |        |



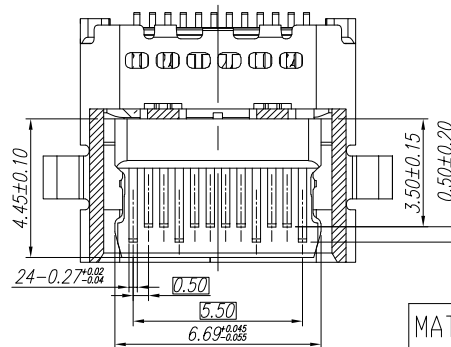
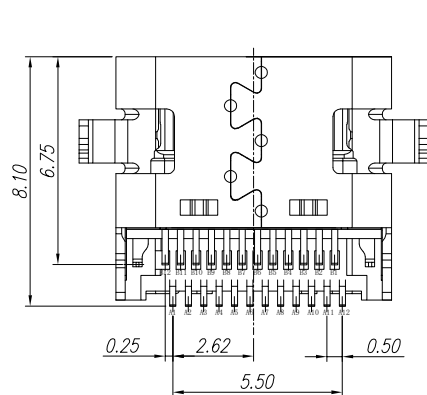
#### SPECIFICATION:

##### 1.ELECTRICAL CHARACTERISTICS:

- 1.1 CURRENT RATING: 5 A
- 1.2 TEMPERATURE RANGE: -40 °C ~ 85 °C
- 1.3 CONTACT RESISTANCE: 30 MILLIONHM MAX.
- 1.4 DIELECTRIC WITHSTANDING VOLTAGE: 100 VAC r.m.s
- 1.5 INSULATION RESISTNACE: 100 MEGOHMS MIN.

##### 2.MECHANICAL CHARACTERISTICS

- 2.1 INSERTION FORCE: 5~20N
  - 2.2 EXTRACTION FORCE: Initial:8~20N,ATER TEST 6~20N
  - 2.3 DURABILITY:10,000CYCLES
- THE SHELL LENTH IS LESS THAN THE MINIMUM SPECIFIED BY THE USB TYPE C STANDARD.AS SUCH IS CANNOT INDEPENDENTLY BE GUARANTEED TO MEET ALL TYPE C MECHANICAL REQUIREMENTS.



|      |                 |      |          |                                                                                                 |
|------|-----------------|------|----------|-------------------------------------------------------------------------------------------------|
| 4    | Shielding plate | 1    | SUS 301  | Ni underplating overall, Gold Flash plating on the solder tail.                                 |
| 3    | Contact         | 24   | C18400   | Ni underplating overall, Au plating on the contact area, Gold Flash plating on the solder tail. |
| 2    | IM              | 1    | LCP      | UL94V-0, Black/White                                                                            |
| 1    | Shell           | 1    | SUS 304  | Ni plating overall                                                                              |
| Item | Description     | QTY. | Material | Finish                                                                                          |

MATERIAL NO.:

JK-US3224AGB00176R

REVIEW TABLE FOR DETAILS

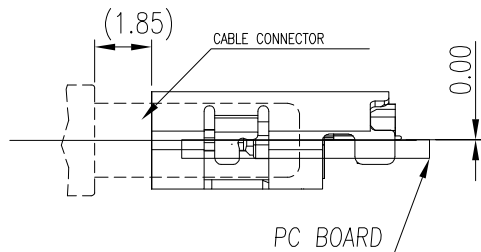
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|----------------|--|---------------------------------------|----------|
| QUALITY SYMBOL |  | GENERAL TOLERANCES (UNLESS SPECIFIED) |          |
|                |  | X. ±0.25                              | X. ±0.0  |
|                |  | .X ±0.20                              | .X ±0.0  |
|                |  | .XX ±0.15                             | .XX ±0.0 |
|                |  |                                       |          |

|                                                                                                                                      |  |                        |  |
|--------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO J K F Technology Co.,Ltd. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                        |  |
| TITLE                                                                                                                                |  | ECN DESCRIPTION        |  |
| USB TYPE C 24PIN双排SMT 沉板1.60mmCONN                                                                                                   |  | RELEASE TO TOOLING     |  |
| DRAWN BY                                                                                                                             |  | DATE                   |  |
| KATE DENG                                                                                                                            |  | -----                  |  |
| CHECKED BY                                                                                                                           |  | DATE                   |  |
| FAND                                                                                                                                 |  | -----                  |  |
| APPROVED BY                                                                                                                          |  | DATE                   |  |
| Wang Yan                                                                                                                             |  | -----                  |  |
| DOCUMENT NO.                                                                                                                         |  | SHEET NO.              |  |
|                                                                                                                                      |  | 1 OF 1                 |  |
| DIMENSION STYLE                                                                                                                      |  | SCALE                  |  |
| MM ONLY                                                                                                                              |  | 10:1                   |  |
| DESIGN UNITS                                                                                                                         |  | THIRD ANGLE PROJECTION |  |
| METRIC                                                                                                                               |  |                        |  |

frame size: A4  
Rev.A 2022.04.09

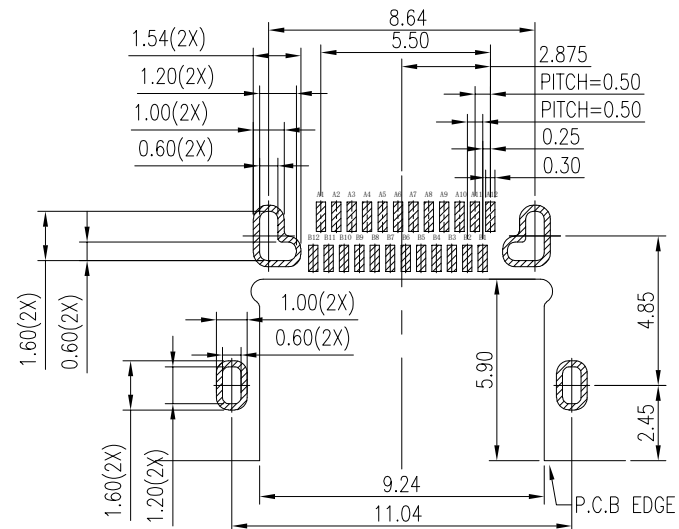


| REV | ECN No. | DATE       | REMARK |
|-----|---------|------------|--------|
| △   | 原始图档    | 2024.04.09 |        |



RECESSED MOUNTING CONFIGURATION

| PIN ASSIGNMENT |             |         |             |
|----------------|-------------|---------|-------------|
| Pin No.        | Signal Name | Pin No. | Signal Name |
| A1             | GND         | B12     | GND         |
| A2             | TX1+        | B11     | RX1+        |
| A3             | TX1-        | B10     | RX1-        |
| A4             | VBUS        | B9      | VBUS        |
| A5             | CC1         | B8      | SBU2        |
| A6             | D+          | B7      | D-          |
| A7             | D-          | B6      | D+          |
| A8             | SBU1        | B5      | CC2         |
| A9             | VBUS        | B4      | VBUS        |
| A10            | RX2-        | B3      | TX2-        |
| A11            | RX2+        | B2      | TX2+        |
| A12            | GND         | B1      | GND         |



RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 0.60MM;DEFAULT TOLERANCE:±0.05

|                                                      |                                       |                                                                                                                                      |             |                    |                        |
|------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------|------------------------|
| MATERIAL NO.:                                        |                                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO J K F Technology Co.,Ltd. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |             |                    |                        |
| JK-US3224AGB00176R                                   |                                       | TITLE                                                                                                                                |             | ECN DESCRIPTION    |                        |
| REVIEW TABLE FOR DETAILS                             |                                       | USB TYPE C 24PIN双排SMT 沉板1.60mm CONN                                                                                                  |             | RELEASE TO TOOLING |                        |
| QUALITY SYMBOL<br>= 0<br>▽<br>= 12<br>▽<br>= 12<br>▶ | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                                                                                                      | DRAWN BY    |                    | DATE                   |
|                                                      | X. ±0.25                              | X. ±4.0                                                                                                                              | KATE DENG   |                    |                        |
|                                                      | .X ±0.20                              | .X ±3.0                                                                                                                              | CHECKED BY  |                    | DATE                   |
|                                                      | .XX ±0.15                             | .XX ±2.0                                                                                                                             | FAND        |                    | ----                   |
|                                                      |                                       |                                                                                                                                      | APPROVED BY |                    | DATE                   |
|                                                      |                                       | DOCUMENT NO.                                                                                                                         |             | SHEET NO.          | Wang Yan               |
|                                                      |                                       |                                                                                                                                      |             | 1 OF 1             | -----                  |
|                                                      |                                       | DIMENSION STYLE                                                                                                                      |             | SCALE              | THIRD ANGLE PROJECTION |
|                                                      |                                       | MM ONLY                                                                                                                              |             | 10:1               |                        |
|                                                      |                                       | DESIGN UNITS                                                                                                                         |             |                    |                        |
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